

lowland region, described as merging into the next and divided into a dry region and a wet region; (3) lower forest region, including a windward side and a leeward side section; (4) middle forest region, with four sections; (5) bog region; and (6) upper forest region, the latter extending from about 5,500 feet elevation up to 11,500 feet. An appendix contains descriptions of new species other than trees.

All concerned are to be cordially congratulated on the production of this book, which cannot fail to stimulate interest in plants within the colony, and is a very noteworthy contribution to science.

N. L. BRITTON

## PROCEEDINGS OF THE CLUB

MAY 13, 1913

The meeting of May 13, 1913, was held at the American Museum of Natural History at 8:30 P.M. Dr. Marshall A. Howe presided. Sixteen persons were present.

The reading of the minutes of the previous meeting was dispensed with and Dr. John Davidson of Vancouver, B. C., was elected to membership.

The announced scientific program consisted of an illustrated lecture on "Correlations between Plant Associations and Soil Conditions in the Great Salt Lake Region," by Mr. Thomas H. Kearney. An abstract of this lecture has been published in *Science*, Vol. 37, March 21, 1913.

Meeting adjourned.

B. O. DODGE,

*Secretary*

MAY 28, 1913

The meeting of May 28, 1913, was held in the laboratory of the New York Botanical Garden. The meeting was called to order at 3:30 P.M. by Vice-president Dr. J. H. Barnhart. Ten persons were present.

The minutes of the meetings of April 30 and May 13 were read and approved.

In behalf of the board of editors, Dr. Marshall A. Howe reported it to be the judgment of the editors that the present

financial condition of the Club does not justify it in undertaking to publish a flora of the area within 100 miles of New York City, the manuscript for which is being prepared by Mr. Norman Taylor.

The announced scientific program consisted of a paper on "Probable Origin of the Alpine Plants of the Rockies," by Dr. P. A. Rydberg. A number of specimens of alpine plants illustrating the principal features of the paper were exhibited.

Meeting adjourned.

B. O. DODGE,  
*Secretary*

OCTOBER 14, 1913

The regular meeting of October 14, 1913, was held at 8:15 P.M. at the American Museum of Natural History, with President Burgess in the chair. Six persons were present.

The minutes of the meeting of May 28 were read and approved.

President Burgess as chairman of a special committee to prepare a suitable memorial of Judge Addison Brown read the following resolutions:

We, the officers and members of the Torrey Botanical Club, desire hereby to place on our records at this first meeting since the spring, this expression of our bereavement at the news then brought to us of the death of our late associate and former president, Judge Addison Brown. Be it therefore

*Resolved*, That we record our affectionate remembrance of the deep interest that he felt in the prosperity of the Club, both during and after his many years of presidency.

*Resolved*, also, That we express our recognition of the long and active service rendered by Judge Brown to the cause of botanical advancement in this city and country; as president of this club, as a founder of the New York Botanical Garden, and long the president of its Scientific Directors; and as co-adjutor, with Dr. Britton, in the issue of the monumental Illustrated Flora.

*Resolved* further, That the above be entered on our minutes, and that a copy be sent to the family, with the respect and condolence of the Club.

The acting secretary, as chairman of a special committee to prepare resolutions in memory of E. L. Morris, read the following:

By the death of Edward Lyman Morris the Torrey Botanical Club has lost a member who had for many years taken a keen

interest in all its activities and in the promotion of its usefulness. He was a close observer and a painstaking student, interested in the broad aspects of scientific thought as well as in the narrower departments of systematic study.

His ready coöperation and enthusiasm won the affections of his associates and stimulated their endeavors.

During the last year of his life he discharged the duties of editor with unwearied devotion to the interests of the Club. Therefore, be it

*Resolved*, That the Club desires to place upon record its appreciation of his work as a scientist and his character as a man, and to express its deep sorrow at his death, and

*Resolved*, That the Club extends to his family its sincere sympathy and condolence, and

*Resolved*, That these resolutions be entered in the minutes of the Club and a copy of them be transmitted to his family.

In accordance with a long-established custom, the program for this, the first meeting of the autumn, consisted of informal reports on the summer's work of the members.

Dr. J. H. Barnhart reported attending the summer field meeting of the Connecticut Botanical Society at New London, Connecticut. *Utricularia resupinata*, a plant of special interest to the speaker, was found in great profusion around the shores of various ponds in that vicinity.

Mr. E. B. Chamberlain reported attendance upon the summer field meeting of the Josselyn Botanical Society, held at Thomaston, Warren, and Camden, Maine, August 12-16. Southwestward extensions of the ranges of *Euphrasia Randii* var. *Farlowii* and various other northeastern plants were noted.

Dr. M. A. Howe was unable to report upon any work in the field, but remarked briefly upon his recent studies of the marine algae of Peru and of fossil algae collected in the Panama Canal Zone by representatives of the U. S. Geological Survey.

Rev. L. H. Lighthipe remarked upon field observations at Belmar, Ventnor, and Longport, N. J., and at Long Beach and Ocean Beach on Long Island. *Lathyrus maritimus*, according to his observations, covering a considerable number of years, is increasing in abundance on the coast of New Jersey and is extending its range to the southward. The most southerly point

at which it was noticed during the past summer was Longport, a few miles south of Atlantic City.

The chairman, Professor E. S. Burgess, reported success in cultivating *Aster Amellus*, Virgil's favorite flower and the historic type of the genus *Aster*.

Adjournment followed.

MARSHALL A. HOWE

*Secretary pro tem.*

## NEWS ITEMS

A. S. Hitchcock spent the summer months collecting and studying grasses in Arizona, California, Nevada, Utah and Colorado. Several weeks were spent in three of the National Forests of Nevada, the Toiyabe, Humboldt and Nevada. He was accompanied by his son Albert E. Hitchcock, who collected in Nevada a series of miscellaneous specimens.

Mrs. Agnes Chase, assistant in Systematic Agrostology, U. S. Department of Agriculture, is now in Porto Rico investigating the grass flora of that island.

Dr. J. N. Rose, who is making an exhaustive study of the Cactaceae of America, just returned from an extended trip through New Mexico and southwestern Texas, bringing back with him a collection of some 2,000 specimens of Cactaceae and other flowering plants.

On the evening of October 21 an audience of about one hundred people attended a meeting preliminary to the organization of a Botanical Society of Northeastern Ohio. The meeting was held in the New Kent State Normal School at Kent, Ohio, and was presided over by Professor L. S. Hopkins of that institution. The lecture of the evening was on the Botany of the Isle of Pines by Dr. O. E. Jennings of the Carnegie Museum, specimens being used for illustration. The second meeting, at which a committee consisting of Messrs. R. J. Webb, of Garrettsville, and A. D. Robinson and Walter Armstrong, of Ravenna, will report on constitution and nominate officers, will be held at Kent on November 21. At this meeting Supt. C. E. Bryant, of Coshoc-ton, Ohio, will speak on "The Orchids of Ohio."